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* * * * * Welcome to STN International * * * * *

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America
NEWS 2 "Ask CAS" for self-help around the clock
NEWS 3 SEP 09 ACD predicted properties enhanced in REGISTRY/ZREGISTRY
NEWS 4 OCT 03 MATHDI removed from STN
NEWS 5 OCT 04 CA/CAPLUS-Canadian Intellectual Property Office (CIPO) added
to core patent offices
NEWS 6 OCT 13 New CAS Information Use Policies Effective October 17, 2005
NEWS 7 OCT 17 STN(R) AnaVist(TM), Version 1.01, allows the export/download
of CAPLUS documents for use in third-party analysis and
visualization tools
NEWS 8 OCT 27 Free KWIC format extended in full-text databases
NEWS 9 OCT 27 DIOGENES content streamlined
NEWS 10 OCT 27 EPFULL enhanced with additional content
NEWS 11 NOV 14 CA/CAPLUS - Expanded coverage of German academic research
NEWS 12 NOV 30 REGISTRY/ZREGISTRY on STN(R) enhanced with experimental
spectral property data
NEWS 13 DEC 05 CASREACT(R) - Over 10 million reactions available
NEWS 14 DEC 14 2006 MeSH terms loaded in MEDLINE/LMEDLINE
NEWS 15 DEC 14 2006 MeSH terms loaded for MEDLINE file segment of TOXCENTER
NEWS 16 DEC 14 CA/CAPLUS to be enhanced with updated IPC codes
NEWS 17 DEC 16 MARPATprev will be removed from STN on December 31, 2005
NEWS 18 DEC 21 IPC search and display fields enhanced in CA/CAPLUS with the
IPC reform
NEWS 19 DEC 23 New IPC8 SEARCH, DISPLAY, and SELECT fields in USPATFULL/USPAT2

NEWS EXPRESS DECEMBER 02 CURRENT VERSION FOR WINDOWS IS V8.01,
CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
AND CURRENT DISCOVER FILE IS DATED 02 DECEMBER 2005.
V8.0 USERS CAN OBTAIN THE UPGRADE TO V8.01 AT
<http://download.cas.org/express/v8.0-Discover/>

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 14:20:56 ON 23 DEC 2005

=> file medline, agricola, caba, caplus, biosis, biotechno
COST IN U.S. DOLLARS SINCE FILE TOTAL
ENTRY SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'MEDLINE' ENTERED AT 14:21:09 ON 23 DEC 2005

FILE 'AGRICOLA' ENTERED AT 14:21:09 ON 23 DEC 2005

FILE 'CABA' ENTERED AT 14:21:09 ON 23 DEC 2005

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FILE 'CAPLUS' ENTERED AT 14:21:09 ON 23 DEC 2005

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FILE 'BIOSIS' ENTERED AT 14:21:09 ON 23 DEC 2005

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FILE 'BIOTECHNO' ENTERED AT 14:21:09 ON 23 DEC 2005

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=> s (da costa e silva, o? or da costa e silva o?)/au

L1 52 (DA COSTA E SILVA, O? OR DA COSTA E SILVA O?)/AU

=> s (bohnert, h? or bohnert h?)/au

L2 1101 (BOHNERT, H? OR BOHNERT H?)/AU

=> s (thielen, n? or thielen n?)/au

L3 0 (THIELEN, N? OR THIELEN N?)/AU

=> s (chen, r? or chen r?)/au

L4 12889 (CHEN, R? OR CHEN R?)/AU

=> s (van thielen, n? or van thielen n?)/au

L5 21 (VAN THIELEN, N? OR VAN THIELEN N?)/AU

=> s l1 and l2 and l4 and l5

L6 10 L1 AND L2 AND L4 AND L5

=> duplicate remove l6

DUPLICATE PREFERENCE IS 'CAPLUS, BIOSIS'

KEEP DUPLICATES FROM MORE THAN ONE FILE? Y/(N):n

PROCESSING COMPLETED FOR L6

L7 10 DUPLICATE REMOVE L6 (0 DUPLICATES REMOVED)

=> d l7 1-10 ti

L7 ANSWER 1 OF 10 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
TI Phosphatase stress-related proteins and methods of use in plants.

L7 ANSWER 2 OF 10 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
TI Signal transduction stress-related proteins and methods of use in plants.

L7 ANSWER 3 OF 10 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
TI Cell cycle stress-related proteins and methods of use in plants.

L7 ANSWER 4 OF 10 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
TI GTP binding stress-related proteins and methods of use in plants.

L7 ANSWER 5 OF 10 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
TI Transcription factor stress-related proteins and methods of use in plants.

L7 ANSWER 6 OF 10 CAPLUS COPYRIGHT 2005 ACS on STN
TI Transgenic plants expressing protein phosphatase stress-related
polypeptides for stress resistance

L7 ANSWER 7 OF 10 CAPLUS COPYRIGHT 2005 ACS on STN
TI Protein and cDNA sequence of Physcomitrella patens protein kinase
stress-related proteins and uses in plants for increased tolerance to
environmental stresses

L7 ANSWER 8 OF 10 CAPLUS COPYRIGHT 2005 ACS on STN
 TI Protein and cDNA sequence of Physcomitrella patens signal transduction stress-related proteins and uses in plants for increased tolerance to environmental stresses

L7 ANSWER 9 OF 10 CAPLUS COPYRIGHT 2005 ACS on STN
 TI Protein and cDNA sequence of Physcomitrella patens cell cycle stress-related proteins and uses in plants for increased tolerance to environmental stresses

L7 ANSWER 10 OF 10 CAPLUS COPYRIGHT 2005 ACS on STN
 TI Transgenic plants expressing GTP-binding stress-related protein (GBSRP) genes for increased tolerance of environmental stress

=> d 17 4,10 bib

L7 ANSWER 4 OF 10 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
 AN 2004:151719 BIOSIS
 DN PREV200400154748
 TI GTP binding stress-related proteins and methods of use in plants.
 AU **da Costa e Silva, Oswaldo** [Inventor, Reprint Author];
Bohnert, Hans J. [Inventor]; **van Thielen, Nocha**
 [Inventor]; **Chen, Rouying** [Inventor]
 CS Apex, NC, USA
 ASSIGNEE: BASF Plant Science GmbH, Ludwigshafen, Germany
 PI US 6689939 20040210
 SO Official Gazette of the United States Patent and Trademark Office Patents,
 (Feb 10 2004) Vol. 1279, No. 2. <http://www.uspto.gov/web/menu/patdata.html>
 . e-file.
 ISSN: 0098-1133 (ISSN print).
 DT Patent
 LA English
 ED Entered STN: 17 Mar 2004
 Last Updated on STN: 17 Mar 2004

L7 ANSWER 10 OF 10 CAPLUS COPYRIGHT 2005 ACS on STN
 AN 2001:763049 CAPLUS
 DN 135:316057
 TI Transgenic plants expressing GTP-binding stress-related protein (GBSRP) genes for increased tolerance of environmental stress
 IN **Da Costa e Silva, Oswaldo; Bohnert, Hans J.; Van Thielen, Nocha; Chen, Ruoying**
 PA BASF Plant Science G.m.b.H., Germany
 SO PCT Int. Appl., 103 pp.
 CODEN: PIXXD2

DT Patent
 LA English

FAN.CNT 7

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001077161	A2	20011018	WO 2001-US11291	20010406
	WO 2001077161	A3	20030130		
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
	CA 2405708	AA	20011018	CA 2001-2405708	20010406
	US 2002066124	A1	20020530	US 2001-828310	20010406
	US 6689939	B2	20040210		
	US 2002069432	A1	20020606	US 2001-828447	20010406
	US 6720477	B2	20040413		
	CA 2405697	AA	20020613	CA 2001-2405697	20010406

WO 2002046442	A2	20020613	WO 2001-US11253	20010406
WO 2002046442	A3	20030612		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
AU 2002043190	A5	20020618	AU 2002-43190	20010406
US 2002102695	A1	20020801	US 2001-828303	20010406
US 6677504	B2	20040113		
US 2002152502	A1	20021017	US 2001-828302	20010406
US 6818805	B2	20041116		
EP 1294912	A2	20030326	EP 2001-928388	20010406
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
US 2003097675	A1	20030522	US 2001-828062	20010406
US 6710229	B2	20040323		
EP 1335986	A2	20030820	EP 2001-989068	20010406
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI, CY, TR				
US 2004194163	A1	20040930	US 2003-688481	20031017
US 2004107463	A1	20040603	US 2003-716089	20031118
US 2004148658	A1	20040729	US 2004-764259	20040123
US 2004128721	A1	20040701	US 2004-768511	20040130
US 2004216183	A1	20041028	US 2004-770225	20040202
PRAI US 2000-196001P	P	20000407		
US 2001-828062	A3	20010406		
US 2001-828302	A3	20010406		
US 2001-828303	A3	20010406		
US 2001-828310	A3	20010406		
US 2001-828447	A3	20010406		
WO 2001-US11253	W	20010406		
WO 2001-US11291	W	20010406		

=> d his

(FILE 'HOME' ENTERED AT 14:20:56 ON 23 DEC 2005)

FILE 'MEDLINE, AGRICOLA, CABA, CAPLUS, BIOSIS, BIOTECHNO' ENTERED AT 14:21:09 ON 23 DEC 2005

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L1      52 S (DA COSTA E SILVA, O? OR DA COSTA E SILVA O?)/AU
L2      1101 S (BOHNERT, H? OR BOHNERT H?)/AU
L3      0 S (THIELEN, N? OR THIELEN N?)/AU
L4      12889 S (CHEN, R? OR CHEN R?)/AU
L5      21 S (VAN THIELEN, N? OR VAN THIELEN N?)/AU
L6      10 S L1 AND L2 AND L4 AND L5
L7      10 DUPLICATE REMOVE L6 (0 DUPLICATES REMOVED)

```

=> s 11 or 12 or 14 or 15

L8 14013 L1 OR L2 OR L4 OR L5

=> s 18 not 16

L9 14003 L8 NOT L6

=> s 19 and gtp(w)binding(w)protein

L10 3 L9 AND GTP(W) BINDING(W) PROTEIN

=> d l10 1-3 ti

L10 ANSWER 1 OF 3 MEDLINE on STN

TI Brk activates rac1 and promotes cell migration and invasion by phosphorylating paxillin.

L10 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN
TI Cloning of a down-regulated gene encoding small **GTP binding protein** in hybrid wheat

L10 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN
TI Human nucleic acids and polypeptides

=> d his

(FILE 'HOME' ENTERED AT 14:20:56 ON 23 DEC 2005)

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14:21:09 ON 23 DEC 2005

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L4 12889 S (CHEN, R? OR CHEN R?)/AU
L5 21 S (VAN THIELEN, N? OR VAN THIELEN N?)/AU
L6 10 S L1 AND L2 AND L4 AND L5
L7 10 DUPLICATE REMOVE L6 (0 DUPLICATES REMOVED)
L8 14013 S L1 OR L2 OR L4 OR L5
L9 14003 S L8 NOT L6
L10 3 S L9 AND GTP(W) BINDING(W) PROTEIN

=> s gtp(w)binding(w)protein(s)physcomitrella

L11 0 GTP(W) BINDING(W) PROTEIN(S) PHYSCOMITRELLA

=> s gtp(w)binding(w)protein and physcomitrella

L12 1 GTP(W) BINDING(W) PROTEIN AND PHYSCOMITRELLA

=> d l12 ti

L12 ANSWER 1 OF 1 MEDLINE on STN
TI Hydrogen peroxide triggers nuclear export of telomerase reverse transcriptase via Src kinase family-dependent phosphorylation of tyrosine 707.

=> d l12 kwic

L12 ANSWER 1 OF 1 MEDLINE on STN

CT . . . metabolism
Plasmids: ME, metabolism
Precipitin Tests
Protein Transport
Research Support, Non-U.S. Gov't
*Telomerase: ME, metabolism
Time Factors
*Tyrosine: ME, metabolism
ran GTP-Binding Protein: ME, metabolism

*src-Family Kinases: ME, metabolism
CN 0 (DNA-Binding Proteins); 0 (PP1 protein, **Physcomitrella** patens); 0 (Plant Proteins); 0 (Plasmids); EC 2.7.1.112 (src-Family Kinases); EC 2.7.7.- (Telomerase); EC 2.7.7.- (telomerase reverse transcriptase); EC 3.6.1.- (ran **GTP-Binding Protein**)

=> d l12 bib

L12 ANSWER 1 OF 1 MEDLINE on STN

AN 2003281272 MEDLINE

DN PubMed ID: 12808100

TI Hydrogen peroxide triggers nuclear export of telomerase reverse transcriptase via Src kinase family-dependent phosphorylation of tyrosine 707.

AU Haendeler Judith; Hoffmann Jorg; Brandes Ralf P; Zeiher Andreas M; Dimmeler Stefanie

CS Molecular Cardiology, Department of Internal Medicine IV. Department of
Physiology, University of Frankfurt, Frankfurt, Germany.
SO Molecular and cellular biology, (2003 Jul) 23 (13) 4598-610.
Journal code: 8109087. ISSN: 0270-7306.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 200307
ED Entered STN: 20030617
Last Updated on STN: 20030723
Entered Medline: 20030722

=> d his

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FILE 'MEDLINE, AGRICOLA, CABA, CAPLUS, BIOSIS, BIOTECHNO' ENTERED AT
14:21:09 ON 23 DEC 2005

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L4 12889 S (CHEN, R? OR CHEN R?)/AU
L5 21 S (VAN THIELEN, N? OR VAN THIELEN N?)/AU
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L7 10 DUPLICATE REMOVE L6 (0 DUPLICATES REMOVED)
L8 14013 S L1 OR L2 OR L4 OR L5
L9 14003 S L8 NOT L6
L10 3 S L9 AND GTP(W) BINDING(W) PROTEIN
L11 0 S GTP(W) BINDING(W) PROTEIN(S) PHYSCOMITRELLA
L12 1 S GTP(W) BINDING(W) PROTEIN AND PHYSCOMITRELLA

=> logoff

ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF

LOGOFF? (Y)/N/HOLD:y

COST IN U.S. DOLLARS

FULL ESTIMATED COST

SINCE FILE

ENTRY

51.83

TOTAL

SESSION

52.04

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